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TECH CENTER 1600/2900



1600

RAW SEQUENCE LISTING

DATE: 12/27/2002

PATENT APPLICATION: US/09/821,832B

TIME: 13:47:23

Input Set : A:\0399.2008-002 2nd SUBSEQLIST.TXT

Output Set: N:\CRF4\12272002\I821832B.raw

4 <110> APPLICANT: Tuschl, Thomas
 5 Zamore, Phillip D.
 6 Sharp, Phillip A.
 7 Bartel, David P.
 9 <120> TITLE OF INVENTION: RNA Sequence-Specific Mediators of RNA
 10 Interference
 12 <130> FILE REFERENCE: 0399..2008-002
 14 <140> CURRENT APPLICATION NUMBER: US 09/821,832B
 15 <141> CURRENT FILING DATE: 2001-03-30
 17 <150> PRIOR APPLICATION NUMBER: US 60/265,232
 18 <151> PRIOR FILING DATE: 2001-01-31
 20 <150> PRIOR APPLICATION NUMBER: US 60/193,594
 21 <151> PRIOR FILING DATE: 2000-03-30
 23 <150> PRIOR APPLICATION NUMBER: EPO 00 126 325.0
 24 <151> PRIOR FILING DATE: 2000-12-01
 26 <160> NUMBER OF SEQ ID NOS: 19
 28 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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 31 <211> LENGTH: 267
 32 <212> TYPE: DNA
 33 <213> ORGANISM: Artificial Sequence
 35 <220> FEATURE:
 36 <223> OTHER INFORMATION: First 267 nt of Rr-luc
 38 <400> SEQUENCE: 1
 39 gaauacaagc uugggccuag ccaccaugac uucgaaaguu uaugauccag aacaaaggaa 60
 40 acggaugaua acugguccgc aguggugggc cagauguaaa caaaugaauu uucuugauuc 120
 41 auuuauuaau uauuaugauu cagaaaaaca ugcagaaaau gcuguuauuu uuuuacaugg 180
 42 uaacgcggcc ucuucuauu uauugcgaca uguugugcca cauauugagc caguagcgcg 240
 43 gugauuaua ccagaccuaa uugguau 267
 45 <210> SEQ ID NO: 2
 46 <211> LENGTH: 40
 47 <212> TYPE: DNA
 48 <213> ORGANISM: Artificial Sequence
 50 <220> FEATURE:
 51 <223> OTHER INFORMATION: 5' sense RNA primer for dsRNA 'C'
 53 <400> SEQUENCE: 2
 54 gcgtaatacg actcactata gaacaaagga aacggatgat 40
 56 <210> SEQ ID NO: 3
 57 <211> LENGTH: 20
 58 <212> TYPE: DNA
 59 <213> ORGANISM: Artificial Sequence
 61 <220> FEATURE:
 62 <223> OTHER INFORMATION: 3' sense RNA primer for dsRNA 'C'

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64 <400> SEQUENCE: 3
65 gaagaagtta ttctccaaaa                                20
67 <210> SEQ ID NO: 4
68 <211> LENGTH: 40
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: 5' asRNA primer for dsRNA 'C'
75 <400> SEQUENCE: 4
76 gcgtaatacg actcactata gaagaagtta ttctccaaaa          40
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 20
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: 3' asRNA primer for dsRNA 'C'
86 <400> SEQUENCE: 5
87 gaacaaagga aacggatgat                                20
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 40
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: 5' sense RNA primer for dsRNA 'A'
97 <400> SEQUENCE: 6
98 gcgtaatacg actcactata gtagcgcggt gtattatacc          40
100 <210> SEQ ID NO: 7
101 <211> LENGTH: 20
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: 3' sense RNA primer for dsRNA 'A'
108 <400> SEQUENCE: 7
109 gtacaacgtc aggtttacca                                20
111 <210> SEQ ID NO: 8
112 <211> LENGTH: 40
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: 5' as RNA primer for dsRNA 'A'
119 <400> SEQUENCE: 8
120 gcgtaatacg actcactata gtacaacgtc aggtttacca          40
122 <210> SEQ ID NO: 9
123 <211> LENGTH: 20
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: 3' asRNA primer for dsRNA 'A'
130 <400> SEQUENCE: 9

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131 gtagcgcggt gtattataacc                                20
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134 <211> LENGTH: 21
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Sense sequence of siRNA targeting GL2
141 <400> SEQUENCE: 10
142 cguacgcgga auacuucgat t                                21
144 <210> SEQ ID NO: 11
145 <211> LENGTH: 21
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Antisense sequence of siRNA targeting GL2
152 <400> SEQUENCE: 11
153 ttgcaugcgc cuaugaagc u                                  21
155 <210> SEQ ID NO: 12
156 <211> LENGTH: 21
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Sense sequence of siRNA targeting GL3
163 <400> SEQUENCE: 12
164 cuuacgcuga guacuucgat t                                21
166 <210> SEQ ID NO: 13
167 <211> LENGTH: 21
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Antisense sequence of siRNA targeting GL3
174 <400> SEQUENCE: 13
175 ttgaaugcga cuaugaagc u                                  21
177 <210> SEQ ID NO: 14
178 <211> LENGTH: 21
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Sense sequence of siRNA targeting RL
185 <400> SEQUENCE: 14
186 aaacaugcag aaaaugcugt t                                21
188 <210> SEQ ID NO: 15
189 <211> LENGTH: 21
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Antisense sequence of siRNA targeting RL
196 <400> SEQUENCE: 15
197 ttuuuguacg uuuuuuacga c                                21

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199 <210> SEQ ID NO: 16
200 <211> LENGTH: 21
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: Sense sequence of siRNA targeting invGL2
207 <400> SEQUENCE: 16
208 agcuucauaa ggcgcaugct t                                21
210 <210> SEQ ID NO: 17
211 <211> LENGTH: 21
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Antisense sequence of siRNA targeting invGL2
218 <400> SEQUENCE: 17
219 ttucgaagua uuccgcguac g                                21
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222 <211> LENGTH: 21
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Sense sequence of siRNA targeting uGL2
229 <400> SEQUENCE: 18
230 cguacgcgga auacuucgau u                                21
232 <210> SEQ ID NO: 19
233 <211> LENGTH: 21
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Antisense sequence of siRNA targeting uGL2
240 <400> SEQUENCE: 19
241 uugcaugcgc cuuauagaagc u                                21

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VERIFICATION SUMMARY

DATE: 12/27/2002

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